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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. MS1-1485US

First Inventor Varma

Title Reversible Diffusion-based Compression

Express Mail Label No. EV205823145

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 43]
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 14]

5. Oath or Declaration [Total Pages 2]

a. Newly executed (original or copy)
b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)

i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Mail Stop Patent Application
Commissioner for Patents/P.O. Box 1450
Alexandria, VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
- c. Statements verifying identity of above copies

16235 U.S. PTO
10/63/0955



07/30/03

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)

11. English Translation Document (if applicable)

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP)

of prior application No.: /

Prior application information: Examiner _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	22801		<input type="checkbox"/> or <input type="checkbox"/> Correspondence address below
Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	
Name (Print/Type)	Mark C. Farrell		Registration No. (Attorney/Agent) 45,988
Signature			Date 7-30-03

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

16152
07/30/03
U. S. PTO

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FEE TRANSMITTAL

for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1600.00)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Varma
Examiner Name	
Art Unit	
Attorney Docket No.	MS1-1485US

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number	12-0769
Deposit Account Name	Lee & Hayes, PLLC

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee	Fee Code (\$)	Fee	Fee Description	Fee Paid
1001 750	2001 375					Utility filing fee	750
1002 330	2002 165					Design filing fee	
1003 520	2003 260					Plant filing fee	
1004 750	2004 375					Reissue filing fee	
1005 160	2005 80					Provisional filing fee	
SUBTOTAL (1)						(\$)	750.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	51	-20** =	31	X	18	=	558
Independent Claims	6	- 3** =	3	X	84	=	252
Multiple Dependent							

Large Entity	Small Entity	Fee Code (\$)	Fee	Fee Description	Fee Paid
1202 18	2202 9			Claims in excess of 20	
1201 84	2201 42			Independent claims in excess of 3	
1203 280	2203 140			Multiple dependent claim, if not paid	
1204 84	2204 42			** Reissue independent claims over original patent	
1205 18	2205 9			** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)				(\$)	810.00

*or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee	Fee Code (\$)	Fee	Fee Description	Fee Paid
1051 130	2051 65					Surcharge - late filing fee or oath	
1052 50	2052 25					Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130					Non-English specification	
1812 2,520	1812 2,520					For filing a request for ex parte reexamination	
1804 920*	1804 920*					Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*					Requesting publication of SIR after Examiner action	
1251 110	2251 55					Extension for reply within first month	
1252 410	2252 205					Extension for reply within second month	
1253 930	2253 465					Extension for reply within third month	
1254 1,450	2254 725					Extension for reply within fourth month	
1255 1,970	2255 985					Extension for reply within fifth month	
1401 320	2401 160					Notice of Appeal	
1402 320	2402 160					Filing a brief in support of an appeal	
1403 280	2403 140					Request for oral hearing	
1451 1,510	1451 1,510					Petition to institute a public use proceeding	
1452 110	2452 55					Petition to revive - unavoidable	
1453 1,300	2453 650					Petition to revive - unintentional	
1501 1,300	2501 650					Utility issue fee (or reissue)	
1502 470	2502 235					Design issue fee	
1503 630	2503 315					Plant issue fee	
1460 130	1460 130					Petitions to the Commissioner	
1807 50	1807 50					Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180					Submission of Information Disclosure Stmt	
8021 40	8021 40					Recording each patent assignment per property (times number of properties)	40
1809 750	2809 375					Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375					For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375					Request for Continued Examination (RCE)	
1802 900	1802 900					Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

SUBMITTED BY		(Complete if applicable)		
Name (Print/Type)	Mark C. Farrell	Registration No. (Attorney/Agent)	45,988	Telephone (509) 324-9256
Signature		Date	7-30-03	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.